



Catalogue No. - RW0H020T1K

Description – RenseWAI H24

RenseWAI H24 water system produces DI (De-Ionization) grade water or Type 2 water, as per ASTM reagent grade standards, directly from potable tap water.

RenseWAI H24 water purification system incorporates RO (Reverse Osmosis) technology in-built inside the system. These are compact and powerful systems. They are specifically designed for laboratories that demand a balance between cost of ownership and exceeding their purified water requirements.

Features

Simple installation and maintenance

- RFID tracking of consumables (RO Pack included) for enhanced management
- Easy to remove consumable access cover.
- Automatic RO membrane cleaning cycles (Cl2 and pH cleaning)

Reliable water quality and stable system performance

- Stable RO permeability over a wide range of temperatures
- Diversion to drain if quality of RO permeate falls below a pre-set set-point

Data traceability

- Automatic data backup for up to 2 years
- Easy data transfer through multiple interfaces, such as LAN, USB, etc.





Low running cost

- Environmentally friendly. High recovery rate
- Self-maintenance functions for maximum RO membrane effectiveness and lifetime
- RFID record of cartridge history for predictable consumable replacements
- Highly-efficient cartridge

Compact and small footprint

- An in-built single pretreatment P Pack
- Placement flexibility - on the bench or on a wall
- All-in-one design.
- Space-Saver

Main Components

1. Cartridge

- Optimized flow design to improve water quality stability & efficiency of polishing resins
- High pressure rated housings, proprietary sealing, and double O-ring design ensures operational confidence
- Cartridge color, label, and RFID recognition prevent incorrect installation

2. Ergonomic dispenser with 2.4" color touch screen

- Intuitive display - water quality with temperature compensation, volumetric dispensing and flow rate
- System alerts are displayed on the touch screen
- Effortless adjustment - dispensing rate (up to 2 L/min), manual and volumetric dispensing
- Choice of final filters: Bio Filter and 0.22 µm final filter
- Two dispenser heights for the ultimate in flexibility

3. Storage Tank

- A 10 L quality HDPE tank integrated with the system (standard)
- Extendable upto 30/60/100/350 L tank if needed (optional)
- Tank recirculation function specifically for RenseWAI H, to guarantee water quality in the tank

Main Applications

DI (De-Ionization) Type 2 water

- Preparation of chemical and bio-reagents
- Preparation of culture media / buffer
- Water supply for clinical analyzers
- Medical device and equipment rinsing
- For serum and blood fractionation



Specification

Feed Water Requirements

- Feed Water – Potable Tap Water
- Feed water conductivity < 2000 $\mu\text{S}/\text{cm}$ or TDS < 1000 ppm
- Feed water pressure – (2-6) bar
- Operating temperature – (5 – 35) $^{\circ}\text{C}$

Flow rate

- DI (De-Ionization) Type 2 Water production rate - 24 L/hr.
- DI (De-Ionization) Type 2 Water dispensing flow rate - Upto 2 L/min

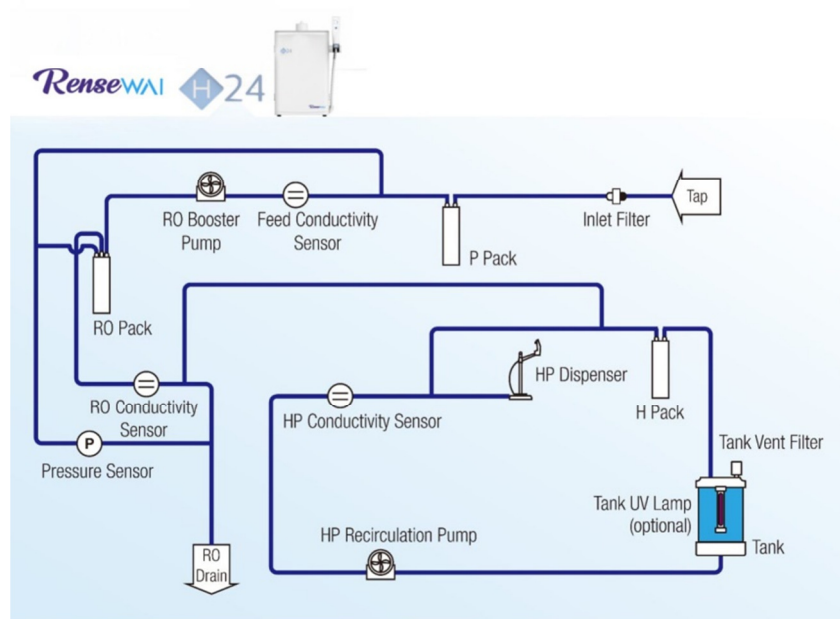
Product Water Quality

- DI (De-Ionization) Type 2 Water Resistivity / Conductivity (@25 $^{\circ}\text{C}$) > 1 $\text{M}\Omega\cdot\text{cm}$ / < 1 $\mu\text{S}/\text{cm}$

Power

- Input Voltage - 110 - 240 VAC
- Operating Voltage - 24 VDC
- Wattage < 200 W

Flow Chart





Contents of the Set

RenseWAI H24 System Set consists of :-

1. Main system
2. RO membrane
3. P Pak
4. H Pak
5. 10L tank (preinstalled)
6. Tank vent filter
7. Three stage prefiltration kit (PF Kit)
(1 micron + 10 micron + Carbon Cartridge of 3 micron pore size, included inside PF Kit.
Quantity – 1 no. each, all 10" long)
8. External feed booster pump, with high & low pressure auto cutoff switch included.
(Included / needed only in-case, if potable feed water pressure is less than 2 bar)

Photographs (Representative only)



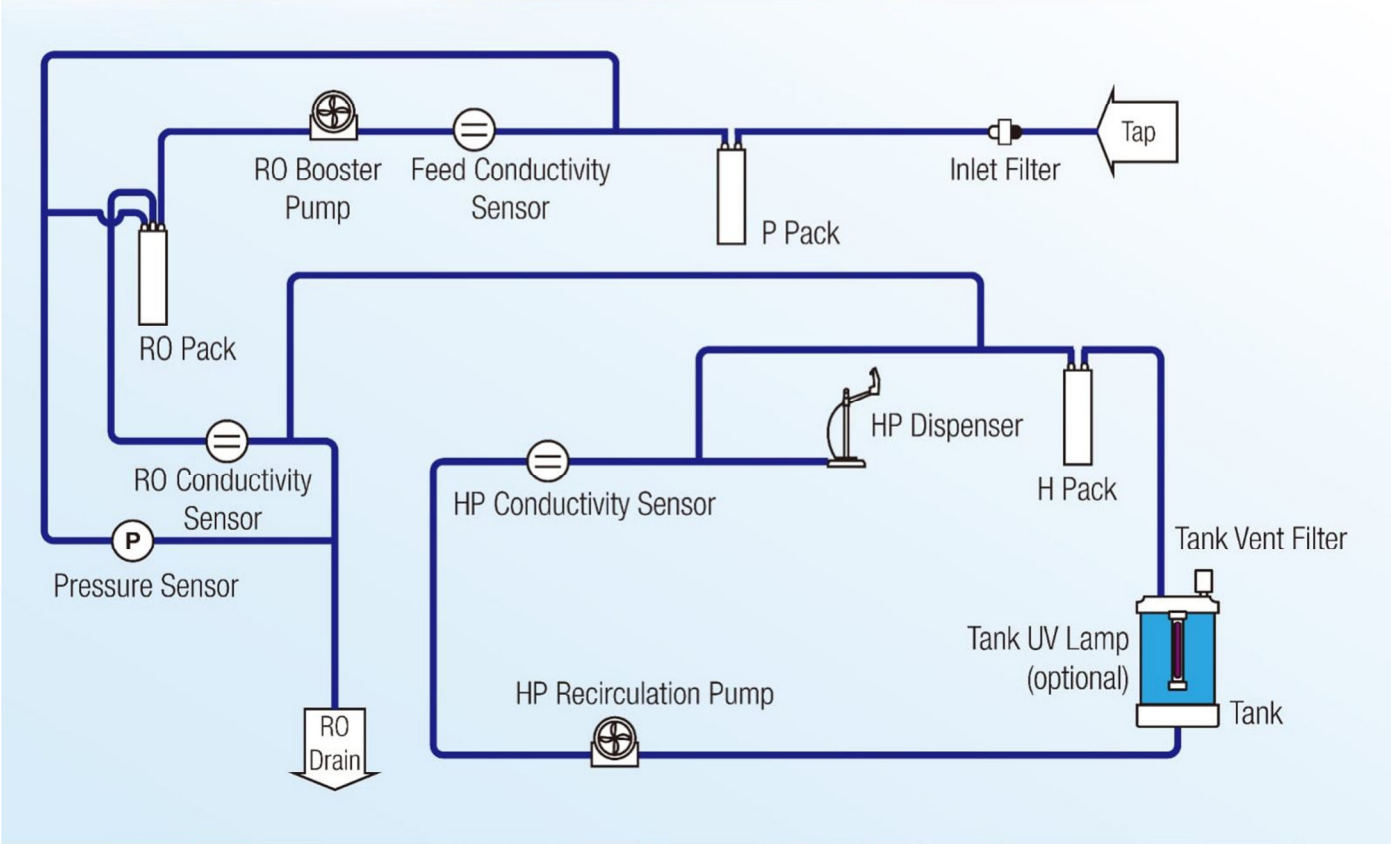
(Disclaimer – Please note photographs are for representation purpose only & can vary from the actual system)



RenseWAI is the registered trademark of M/s. Pramuk Healthcare



RenseWAI



RenseWAI



RenseWAI



RenseWAI

